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Express M. O.: EV 562513729 US Docket: 531-017.007

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Express Mail No.: EV 562513729 US

In re Application of: ANCTIL et al.

International Application No.: PCT/CA2003/001070

International Filing Date: July 16, 2003

TITLE: A PROCESS AND AN APPARATUS FOR PRODUCING

CALCIUM CARBONATE VIA AN ENZYMATIC PATHWAY

Attorney Docket No.: 531-017.007

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

### INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicant submits herewith references of which they are aware, which they believe may be material to the examination of this application and which they may have a duty to disclose in accordance with 37 CFR 1.56.

While this Information Disclosure Statement may be "material" pursuant to 37 CFR 1.56, it is not intended to constitute an admission that any document referred to herein is "prior art" for this invention unless specifically designated as such.

Express No.: EV 562513729 US Docket: 531-017.007

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement should not be construed to mean that a search has been made or that no other material information as defined under 37 CFR 1.56(a) exists.

Also enclosed is a Form PTO/SB/08A listing the references enclosed and a copy of a PCT International Search Report issued on the corresponding PCT International Application No. PCT/CA2003/001070.

Respectfully submitted,

Francis J. Maguire

Attorney for the Applicant

Registration No. 31,391

FJM/djc Ware, Fressola, Van Der Sluys & Adolphson LLP 755 Main Street, P.O. Box 224 Monroe, CT 06468 (203) 261-1234

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	TEMENT I			First Named Inventor	Frédérick ANCTIL et al.			
SIA				Art Unit				
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Sheet	1	of	2	Attorney Docket Number	531-017.007			

			U.S. PATENT I	DOCUMENTS	
Examiner Initials*	Cite No. 1	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-6,387,212	05-14-2002	R. CHRISTIAN	
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FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No. 1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	1			
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		or Relevant Figures Appear				
		CA 2,352,626	01-12-2003	CO2 SOLUTION INC.					
		WO 98/55210	12-10-1998	SYSTÈMES ENVIROBIO INC.					
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Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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STATEMENT BY APPLICANT			PLICANT	First Named Inventor	Frédérick ANCTIL et al.		
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Sheet	2	of	2	Attorney Docket Number	531-017.007		

number(s), publisher, city and/or country where published.  SHIMOMURA, NORIYUKI et al.: "Control of the production amount and polymorphism of calcium carbonate by biomime mineralization", Chemistry Letters, vol. 31, no. 9, September 2002 (2002-09), pages 902-903, XP009019773, abstract, pa 902, column 1, line 38-line 43  TABATA, H. et al.: "Separation of calcium from a solution containing calcium and magnesium", Chemical Abstracts Servic Columbus, Ohio, US; 12 August 1978 (1978-08-12), Database accession no. 89:61929, XP002260760, abstract, & JP 138477 A (KINKAI KAISUI KOGYO KK), 18 November 1977 (1977-11-18)  LUCAS, Jared M. et al.: "A physiological evaluation of carbon sources for calcification in the octocoral Leptogorgia virgula (Lamarck)", Journal of Experimental Biology, vol. 200, no. 20, October 1997 (1997-10), pages 2653-2662, XP00226071 ISSN: 0022-0949, abstract; figure 2  FURLA, Paola et al.: "Sources and mechanisms of inorganic carbon transport for coral calcification and photosynthesis	Examiner   Cite   Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Initials*   No.   Item (book, magazine journal serial symposium catalog etc.) date nage(s) volume issue					
mineralization", Chemistry Letters, vol. 31, no. 9, September 2002 (2002-09), pages 902-903, XP009019773, abstract, pa 902, column 1, line 38-line 43  TABATA, H. et al.: "Separation of calcium from a solution containing calcium and magnesium", Chemical Abstracts Servic Columbus, Ohio, US; 12 August 1978 (1978-08-12), Database accession no. 89:61929, XP002260760, abstract, & JP 138477 A (KINKAI KAISUI KOGYO KK), 18 November 1977 (1977-11-18)  LUCAS, Jared M. et al.: "A physiological evaluation of carbon sources for calcification in the octocoral Leptogorgia virgula (Lamarck)", Journal of Experimental Biology, vol. 200, no. 20, October 1997 (1997-10), pages 2653-2662, XP00226071 ISSN: 0022-0949, abstract; figure 2  FURLA, Paola et al.: "Sources and mechanisms of inorganic carbon transport for coral calcification and photosynthesis Journal of Experimental Biology, vol. 203, no. 22, 24 October 2000 (2000-10-24), pages 3445-3457, XP00115574		140.		Т		
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(Lamarck)*, Journal of Experimental Biology, vol. 200, no. 20, October 1997 (1997-10), pages 2653-2662, XP00226071 ISSN: 0022-0949, abstract; figure 2  FURLA, Paola et al.: "Sources and mechanisms of inorganic carbon transport for coral calcification and photosynthesi Journal of Experimental Biology, vol. 203, no. 22, 24 October 2000 (2000-10-24), pages 3445-3457, XP00115574			TABATA, H. et al.: "Separation of calcium from a solution containing calcium and magnesium", Chemical Abstracts Service, Columbus, Ohio, US; 12 August 1978 (1978-08-12), Database accession no. 89:61929, XP002260760, abstract, & JP 52 138477 A (KINKAI KAISUI KOGYO KK), 18 November 1977 (1977-11-18)			
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